

 <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>				Docket Number (Optional) <b>4555-118US</b>		Application Number <b>10/620,159</b>		
				Applicant(s) <b>HAPPER et al.</b>				
				Filing Date <b>July 15, 2003</b>		Group Art Unit <b>TBD</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>RC</i>		4,122,408	10/24/1978	WALLS	331	3		
<i>RC</i>		4,425,653	01/10/1984	CUTLER	372	70		
<i>RC</i>		4,476,445	10/09/1984	RILEY, Jr.	331	3		
<i>RC</i>		5,146,184	09/08/1992	CUTLER	331	3		
<i>RC</i>		4,943,955	07/24/1990	RABIAN et al.	368	156		
<i>RC</i>		5,379,000	01/03/1995	BREWER et al.	331	3		
<i>RC</i>		6,157,261	12/05/2000	AUDOIN et al.	331	3		
<i>RC</i>		5,606,291	02/25/1997	VERBANETS	331	3		
<i>RC</i>		5,642,625	07/01/1997	CATES, Jr et al.	62	55.5		
<i>RC</i>		5,657,340	08/12/1997	CAMPARO et al.	372	69		
<i>RC</i>		5,852,386	12/22/1998	CHANTRY et al.	331	94.1		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
		S. Appelt, A. Ben-Amar Baranga, C.J. Erickson, M.V. Romalis, A.R. Young, and W. Happer, Theory of spin-exchange optical pumping of <sup>3</sup> He and <sup>129</sup> Xe, Phys. Rev. A 58, 1412-1439, Issue 2, August 1998.						
		Hyatt M. Gibbs and Robert J. Hull, Spin-Exchange Cross Sections for Rb87-Rb87-Cs133 Collisions, Phys. Rev. 153, 132-151, Issue 1, 5 January 1967.						
EXAMINER <i>Joseph Chang</i>				DATE CONSIDERED <i>11/23/04</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Ressler, N.W., Sands, R.H., Stark, T.E., Measurement of Spin-Exchange Cross Sections for Cs133, Rb87, Rb85, K39, and Na23, Phys. Rev. 184, 102-118, Issue 1, August 1969

Anderson, L.W and Baird, James C., N14-N15 Hyperfine Anomaly, Phys. Rev. 116, 87-98, Issue 1, October 1959

Srinivasa, K. and Rajeswari, V., Quantum Theory of Angular Momentum: Selected Topics, Published by Springer-Verlag and Narosa Publishing House (1993)

Appelt, S, Ben-Amar Baranga, Young, A. R., Happer, W., Light narrowing of rubidium magnetic-resonance lines in high-pressure optical-pumping cells, Physical Review A, Volume 59, Number 3, pp. 2078-2084.

EXAMINER

DATE CONSIDERED

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